

CONSERVATION RECORDS

Feedlot and Dairy Inventory

FD-2 *Worksheet FD1: **Operation Description***
..... *Worksheet FD2: **Future Operation***
FD-4 *Worksheet FD3: **Solid Waste Storage***
FD-6 *Worksheet FD4: **Water Waste Storage***
FD-8 *Worksheet FD5: **Nutrient Application Equipment***
..... *Worksheet FD6: **Manure/Organic Application***

Name: _____

Farm/Ranch: _____

Feedlot and Dairy Operation Description

Complete this section if you have an animal feeding operation. If you have crop or hay land associated with this operation complete, the **Cropland Inventory** as well.

EXAMPLE _____

Worksheet FD1: Current Operation Description

Type of Operation (Dairy, Beef, Swine, Poultry, etc.)			Dairy			
Livestock Type	Number of Animals	Average Weight, Lbs	Dates Confined		Dates Grazed	
			Begin	End	Begin	End
Holstein Milker	225	1300	January	December	-----	-----
Holstein Dry Cow	30	1400	November	March	April	October
Holstein Heifer	40	600	December	March	April	October
Calves	60	250	December	December	-----	-----

Feedlot and Dairy Operation Description

Natural Resources Conservation Service 

Complete this section if you have an animal feeding operation. If you have crop or hay land associated with this operation complete, the ***Cropland Inventory*** as well.

Worksheet FD1: Current Operation Description

[illegible]

Solid Waste Storage

Complete this section if you have a feedlot or dairy.

EXAMPLE

Worksheet FD3: Solid Waste Storage

Type of Operation (Dairy, Beef)	Dairy		
Type of Bedding	Paper Pulp	Volume	02.6 CF/Day
Type of Separator	Gravity Basin- Planned	Percent Solids Separated	40 %
Existing Solids Storage Dimensions	None	Volume	CF
Existing Solids Storage Dimensions		Volume	CF
Is the Existing Solids Storage roofed?	YES NO	Unroofed Surface Area	Sq Ft
Desired Solids Storage Time	90 Days		
Additional Description:			

Feedlot and Dairy Inventory

Natural Resources Conservation Service



Complete this section if you have a feedlot or dairy.

Worksheet FD3: Solid Waste Storage

Type of Operation (Dairy, Beef)			
Type of Bedding		Volume	
Type of Separator		Percent Solids Separated	%
Existing Solids Storage Dimensions		Volume	CF
Existing Solids Storage Dimensions		Volume	CF
Is the Existing Solids Storage roofed?	YES NO	Unroofed Surface Area	Sq Ft
Desired Solids Storage Time	Days		
Additional Description:			

Water Waste Storage

EXAMPLE _____

Worksheet FD4: Waste Water Storage Description

Cow Preparation	<i>Manual 3.0</i> gals/milker/day
Examples	Auto Single Cow: 5-15 gal/milker/day Auto Multiple Cow: 25-40 gal/milker/day Manual: 3-7 gal/milker/day

Water Uses	Gallon/Wash	Number of Washes
Bulk Tank (Manual: 30-50 gal/wash, Auto: 60-110 gal/wash)	60	2
Milkhouse & Parlor (300-700 gal/wash)	500	2
Pipelines (75-150 gal/wash)	75	2
Holding Area (500-1200 gal/wash)	-----	-----
Miscellaneous Equipment (25-35 gal/wash)	25	2

Lot Area Contributing to Liquid Storage Facility	Paved: 36,875 Sq Ft	Unpaved 0 Sq Ft
Is Paved Area Scraped Daily?	YES ✓	NO
Roof Area Contributing to Liquid Storage Facility	0	Sq Ft
Does Silage Seepage Enter Liquid Storage Facility?	YES ✓	NO

Existing Liquid Storage Descriptions	Volume (CF)	Is Storage Facility Roofed?	Surface Area of Unroofed Area
50 Feet Diameter Concrete Tank	19,625	Yes	-----

Desired Liquids Storage Period:	120 Days
--	-----------------

Water Waste Storage

Worksheet FD4: Waste Water Storage Description

Cow Preparation	gal/milker/day
Examples	Auto Single Cow: 5-15 gal/milker/day Auto Multiple Cow: 25-40 gal/milker/day Manual: 3-7 gal/milker/day

Water Uses	Gallon/Wash	Number of Washes
Bulk Tank (Manual: 30-50 gal/wash, Auto: 60-110 gal/wash)		
Milkhouse & Parlor (300-700 gal/wash)		
Pipelines (75-150 gal/wash)		
Holding Area (500-1200 gal/wash)		
Miscellaneous Equipment (25-35 gal/wash)		

Lot Area Contributing to Liquid Storage Facility	Paved	Sq Ft	Unpaved	Sq Ft
Is Paved Area Scraped Daily?	YES		NO	
Roof Area Contributing to Liquid Storage Facility			Sq Ft	
Does Silage Seepage Enter Liquid Storage Facility?	YES		NO	

Existing Liquid Storage Descriptions	Volume (CF)	Is Storage Facility Roofed?	Surface Area of Unroofed Area

Desired Liquids Storage Period:	Days
--	-------------

Nutrient Applications & Application Equipment

EXAMPLE _____

Worksheet FD5: Nutrient Application Equipment Description

Equipment	Description	Flow Rate (gpm)/Volume (CF or Gal)	Spread Area (ft)
Big Gun Sprinkler	<i>Traveler</i>	<i>300 gpm</i>	<i>250 ft wetted diameter</i>
Tractor Spreader	<i>160 Bushel Tractor Spreader</i>	<i>199 CF</i>	<i>15 feet</i>
Tank Wagon	-----		
Other	-----		

EXAMPLE _____

Worksheet FD6: Fields and Crops Receiving Manure/Organic Application

Field Number/Name	Crop	Acres	Present Yield (units/acre)	Target Yield (units/acre)	Crop Condition (Good, Fair, Poor)
<i>1, 8-18</i>	<i>Irrigated Hay Pasture 14% Protein</i>	<i>187.5</i>	<i>6 ton</i>	<i>6 ton</i>	<i>Good</i>
<i>6, 7, 18</i>	<i>Dryland Hay Pasture 10% Protein</i>	<i>70</i>	<i>3 ton</i>	<i>3 ton</i>	<i>Good</i>

Nutrient Applications & Application Equipment

Natural Resources Conservation Service



Worksheet FD5: Nutrient Application Equipment Description

<i>Equipment</i>	<i>Description</i>	<i>Flow Rate (gpm)/Volume (CF or Gal)</i>	<i>Spread Area (ft)</i>
Big Gun Sprinkler			
Tractor Spreader			
Tank Wagon			
Other			

Worksheet FD6: Fields and Crops Receiving Manure/Organic Application

<i>Field Number/Name</i>	<i>Crop</i>	<i>Acres</i>	<i>Present Yield (units/acre)</i>	<i>Target Yield (units/acre)</i>	<i>Crop Condition (Good, Fair, Poor)</i>

Notes

Notes

Notes